

TOP SECRET

CHAL-0614
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MEMORANDUM FOR : Deputy Director (Plans)

SUBJECT : Recommendations Concerning Purchase of
the Granger Repeater Jammer

1. An operational evaluation has been made of the Granger Repeater Jammer, taking into account the validity of the requirement for this equipment, the results of the zoom climb tests conducted in December, and subsequent evaluation by OSI, ATIC, and DPD/R&D. It is agreed by all concerned that the equipment is effective within its design limits, i. e. operational environment of 7 PSI (aircraft at 30,000). It is anticipated that when a mechanically reliable system has been fabricated, the results at high altitude will be identical with those achieved during the test program, at low level.

2. Cost and delivery estimates have been submitted by Dr. Ayers of Granger Associates as follows:

| | | |
|----------|-------------|--|
| 1 box | \$43,000 | Delivery in 3 months |
| 2 boxes | \$33,500 ea | Delivery of 2nd 1 month later |
| 10 boxes | \$25,700 ea | Delivery of 2 per month after first 2 |

The above figures do not include spare parts, the outside container produced by Lockheed, installation, or field service.

3. The Air Force will not share the costs of this program at the present time. They initiated the program which led to the development of the existing equipment but are not now particularly interested due to the limitation of this system to counteract only one particular radar set.

4. It is RECOMMENDED that:

a. Funds be allocated for the fabrication of two production models of the Granger Repeater Jammer.

b. If, after testing, these two boxes prove successful, a full production contract be entered into for one jammer per operational aircraft, plus necessary spares and such field services as are indicated.

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5. The following papers are appended hereto for your background information if needed:

a. CHAL-0611, copy 1, Memo to DD/P from [redacted]

25X1

b. Memo to the Chief of Operations, DPD, from [redacted]
subject: Validity of Requirements for Granger Repeater Jammer.

25X1

c. Memo to the Chief of Operations, DPD, from LCdr P. F.
[redacted] subject: Granger Electronic Countermeasure
Equipment.

25X1

25X1

[redacted]
Colonel, USAF
Acting Chief, DPD-DD/P

Attachments:

3 (as described above)

APPROVAL: Recommendations contained in para 4, above, are approved.

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Deputy Director
(Plans)

* "Please submit program approval or amendment".

Distribution:
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25X1

DPD-EE [redacted]